AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

Listing of the Claims

1. (Currently Amended) A <u>computer readable</u> ~~recording~~ medium <u>storing an executable</u> ~~having a~~ data structure for managing multiple component data recorded on the ~~recording~~<u>computer readable</u> medium, comprising:

a data area having at least one clip file of main component data and at least one clip file of auxiliary component data, the clip file of main component data and the clip file of auxiliary component data being separate clip file<u>s, each of the clip files having at least one entry point;</u> ~~that are non-interleaved in the data area,~~<u>and</u>

<u>a management area separate from the data area, the management area storing an entry point map identifying the at least one entry point of an associated clip file and mapping presentation start time information to address information for the associated clip file.</u>

2. (Currently Amended) The <u>computer readable</u> ~~recording~~ medium of claim 1, wherein the auxiliary component data includes audio data.

3. (Currently Amended) The computer readable ~~recording~~ medium of claim 1, wherein the auxiliary component data includes subtitle data.

4. (Currently Amended) The computer readable ~~recording~~ medium of claim 1, wherein the auxiliary component data includes enhanced data.

5. (Currently Amended) The computer readable ~~recording~~ medium of claim 1, wherein the auxiliary component data includes Java data.

6. (Currently Amended) The computer readable ~~recording~~ medium of claim 1, wherein the auxiliary component data includes html data.

7. (Currently Amended) The computer readable ~~recording~~ medium of claim 1, wherein the auxiliary component data includes xml data.

8. (Currently Amended) The computer readable ~~recording~~ medium of claim 1, wherein the auxiliary component data includes CGI data.

9. (Currently Amended) The computer readable ~~recording~~ medium of claim 1, wherein each clip file is divided into data units ~~of data~~, and wherein boundaries between data units ~~of data indicating~~ indicate where reproduction is permitted to jump to ~~a unit of data in~~ a different clip file.

10. (Currently Amended) The computer readable recording medium of claim 9, wherein each data unit of data includes the at least one entry point of data.

11. (Currently Amended) The computer readable recording medium of claim 10, wherein each data unit unit of data in a clip file has a same number of entry points.

12. (Currently Amended) The computer readable recording medium of claim 10, wherein at least two data units data in a same clip file have different numbers of entry points.

13. (Currently Amended) The computer readable recording medium of claim 1, further comprising:

a management area storing at least one entry point map associated with each clip file stored on the recording medium, each entry point map identifying entry points in the data and wherein the entry point map includesing at least one flag, each flag associated with an the at least one entry point, the at least one flag identifying whether jumping to another clip file is permitted in relation to the at least one entry point.

14. (Currently Amended) The computer readable recording medium of claim 13, wherein the at least one entry points having associated flags permitting a jump defines the data units of the data in the associated clip file.

15. (Currently Amended) The computer readable recording medium of claim 13, wherein an active flag associated with an entry point indicates that jumping is permitted after reproducing the at least one entry point having the associated active flag.

16. (Currently Amended) The computer readable recording medium of claim 13, wherein an active flag associated with an entry point indicates that jumping is permitted beforeat reproducing the at least one entry point having the associated active flag.

17. (Currently Amended)The computer readable recording medium of claim 1, wherein the data area has more than one clip file of auxiliary component data.

18. (Currently Amended) The computer readable recording medium of claim 17, wherein at least one of the clip files of auxiliary component data includes enhanced data.

19. (Currently Amended) A computer readable recording medium storing a computer executable having a data structure for managing multiple component data recorded on the recording computer readable medium, comprising:

a data area having at least one file of main component data and at least one file of auxiliary component data, the main component data file and the auxiliary component data file being ~~separate~~separate clip files, each of the clip files having at least one entry point, and each of the main component data file and the auxiliary component data file being divided into data units ~~of data~~, each data unit having boundaries ~~between units of data~~ indicating where reproduction is permitted to jump to ~~a unit of data in~~ a different clip file; and ~~, and the units of data in the main component data file are not interleaved with the units of data in the auxiliary component data file~~a management area separate from the data area, the management area storing an entry point map identifying the at least one entry point of an associated clip file and mapping presentation start time information to address information for the associated clip file.

20. (Cancelled)

21. (Currently Amended) The computer readable ~~recording~~ medium of claim 19~~20~~, wherein ~~at least one of~~ the ~~files of~~ auxiliary component data includes enhanced data.

22. (Currently Amended) The computer readable ~~recording~~ medium of claim 19, wherein the ~~file of~~ auxiliary component data includes enhanced data.

23. (Currently Amended) A method of recording a data structure for managing reproduction of multiple component data on a ~~recording~~ computer readable medium, the method comprising:

recording at least one clip file of main component data and at least one clip file of auxiliary component data on a data area~~the recording medium~~ separate from a management area, the clip file of main component data and the clip file of auxiliary component data being separate clip files ~~that are non-interleaved on the recording medium,~~ each of the clip files having at least one entry point; and

recording an entry point map in the management area, the entry point map identifying the at least one entry point of an associated clip file and mapping presentation start time information to address information for the associated clip file.

24. (Currently Amended) A method of reproducing a data structure for managing reproduction of multiple component data recorded on a ~~recording~~ computer readable medium, the method comprising:

reproducing at least one clip file of main component data and at least one clip file of auxiliary component data from a data area separate from a management area~~the recording medium~~, the clip file of main component data and the clip file of auxiliary component data being separate clip files ~~that are non-interleaved on the recording medium,~~ each of the clip files having at least one entry point; and

reproducing an entry point map from the management area, the entry

point map identifying the at least one entry point of an associated clip file and mapping presentation start time information to address information for the associated clip file.

25. (Currently Amended) An apparatus for recording a data structure for managing reproduction of multiple component data on a ~~recording~~ computer readable medium, comprising:

~~a driver for driving~~ an optical recording device configured to record data on the ~~recording~~ computer readable medium;

a controller operably coupled to the optical recording device, the controller configured to ~~for~~ controlling the optical recording device ~~driver~~ to record at least one clip file of main component data and at least one clip file of auxiliary component data on a data area separate from a management area ~~on the recording medium~~, the clip file of main component data and the clip file of auxiliary component data being separate clip files ~~that are non-interleaved on the recording medium~~, each of the clip files having at least one entry point, and the controller further configured to control the optical recording device to record an entry point map on the management area, the entry point map identifying the at least one entry point of an associated clip file and mapping presentation start time information to address information for the associated clip file.

26. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of multiple component data recorded on a ~~recording~~ computer readable medium, comprising:

~~a driver for driving~~ an optical reproducing device configured to reproduce data recorded on the ~~recording~~ computer readable medium;

a controller, operably coupled to the optical reproducing device, configured to ~~for~~ controlling the optical reproducing device ~~driver~~ to reproduce at least one clip file of main component data and at least one clip file of auxiliary component data from a data area separate from a management area~~the recording medium~~, the clip file of main component data and the clip file of auxiliary component data being separate clip files, each of the clip files having at least one entry point, and the controller further configured to control the optical reproducing device to reproduce an entry point map in the management area, the entry point map identifying the at least one entry point of an associated clip file and mapping presentation start time information to address information for the associated clip file.

27. (New) The computer readable medium of claim 1, wherein the clip file of main component data and the clip file of auxiliary component data are non-interleaved.

28. (New) The method of claim 23, wherein the entry point map includes at least one flag associated with the at least one entry point, the at least one flag

identifying whether jumping to another clip file is permitted in relation to the entry point.

29. (New) The method of claim 28, wherein an active flag indicates that jumping is permitted at the at least one entry point having the associated active flag.

30. (New) The method of claim 23, wherein each clip file is divided into data units, and boundaries between data units indicate where reproduction is permitted to jump to a different clip file.

31. (New) The method of claim 28, wherein the at least one entry point associated with the at least one flag defines the data units in the associated clip file.

32. (New) The method of claim 28, wherein an active flag indicates that jumping is permitted to the at least one entry point having the associated active flag.

33. (New) The method of claim 23, wherein the clip file of main component data and the clip file of auxiliary component data are non-interleaved.

34. (New) The method of claim 24, wherein the entry point map includes at least one flag associated with the entry point, the at least one flag identifying whether jumping to another clip file is permitted in relation to the entry point.

35. (New) The method of claim 34, wherein an active flag indicates that jumping is permitted at the entry point having the associated active flag.

36. (New) The method of claim 24, wherein the clip file is divided into data units, and boundaries between data units indicate where reproduction is permitted to jump to a different clip file.

37. (New) The method of claim 34, wherein the entry point having the at least one flag defines the data units in the associated clip file.

38. (New) The method of claim 24, wherein the clip file of main component data and the clip file of auxiliary component data are non-interleaved.

39. (New) The apparatus of claim 25, wherein the entry point map includes entry point information, the entry point information identifying whether jumping to another clip file is permitted in relation to the at least one entry point, and the controller is configured to control the optical recording device to record the entry point map.

40. (New) The apparatus of claim 25, wherein the controller is configured to control the optical recording device to record the clip file divided into data units, boundaries between data units indicating where reproduction is permitted to jump to a different clip file.

41. (New) The apparatus of claim 25, wherein the controller is configured to control the optical recording device to record at least one entry point having an associated flag permitting a jump, the at least one entry point defining the data units in the associated clip file.

42. (New) The apparatus of claim 25, wherein the clip file of main component data and the clip file of auxiliary component data are non-interleaved on the computer readable medium.

43. (New) The apparatus of claim 26, wherein the entry point map includes entry point information, the entry point information identifying whether jumping to another clip file is permitted in relation to the at least one entry point, and the controller is configured to control the optical reproducing device to reproduce the entry point map.

44. (New) The apparatus of claim 26, wherein the controller is configured to control the optical reproducing device to reproduce the clip file divided into

data units, boundaries between data units indicating where reproduction is permitted to jump to a different clip file.

45. (New) The apparatus of claim 26, wherein the controller is configured to control the optical reproducing device to reproduce at least one entry point having an associated flag permitting a jump, the at least one entry point defining the data units in the associated clip file.

46. (New) The apparatus of claim 26, wherein the clip file of main component data and the clip file of auxiliary component data are non-interleaved on the computer readable medium.

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END OF CLAIM LISTING